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INFORMATION DISCLOSURE STATEMENT

TC 2800 MAIL ROOM
Docket Number:
52433/673

Application Number
10/034,061

Filing Date
December 27, 2001

Examiner
Not Yet Assigned

Art Unit
2832

Invention Title
ELECTRICAL STEEL SHEET FOR LOW-NOISE
TRANSFORMER AND LOW-NOISE TRANSFORMER

Inventor(s)
MOGI, et al.

Address to:
Assistant Commissioner for Patents
Washington D.C. 20231

1. In accordance with the duty of disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicant hereby bring the references listed on the attached modified PTO Form No. 1449 to the attention of the Examiner. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated.
3. In the reference entitled "Relationship Between Total Losses Under Tensile Stress in 3 Percent Si-Fe Single Crystals and Their Orientations Near (001)[001]", the Japanese patent attorneys handling this case direct specific attention to Page 2, lines 3-16.
4. In the reference entitled "Development of Orient Core Hi-B" from OHM '72/2, the Japanese patent attorneys handling this case direct specific attention to Page 2, line 11:
"It can be seen that Orient Core Hi-B improves both of hysteresis loss and eddy current loss. Fig. 2 shows an importance of tensile stress in an grain-oriented electrical steel sheet. This effect can be seen in Orient Core Hi-B having B_g characteristic.
This tensile stress is mainly caused by a formation of glass film. The effect combined with an improvement of hysteresis loss increases more than 0.3W/kg(W_{17/50}) and increases 3 grades compared with the conventional product."

Dated: Feb 25, 2002

By:

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